



Fig. 4 Differences in anomaly correlation between forecasts and NR. Anomaly correlations for forecasts with CTL minus forecasts with CTL+DWL in NH extratropics (20N-80N) are presented. Solid lines with solid symbols are CTL with random error. Dashed lines with open symbols are CTL with O-A added. Circles are for the best DWL. Squares are for non-scan DWL. a) and b) are for all wave numbers to show total impacts. c) and d) are for zonal wave 10-20 to show synoptic scale impacts. a) and c) are for 200mb meridional wind, b) and d) are for 850mb meridional wind.